

Data loaded
in matrix

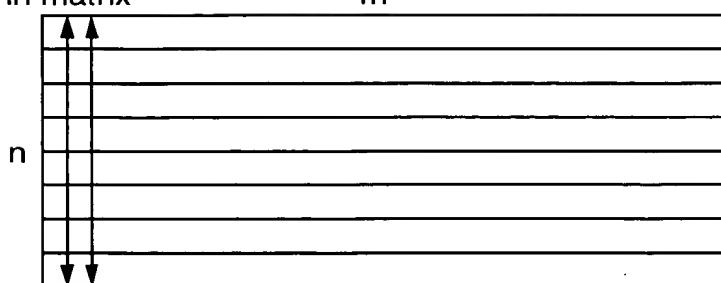
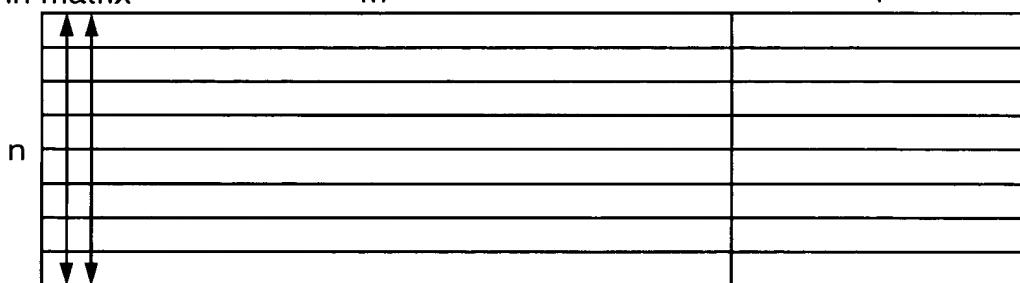


Fig. 1

(PRIOR ART)

Data loaded
in matrix



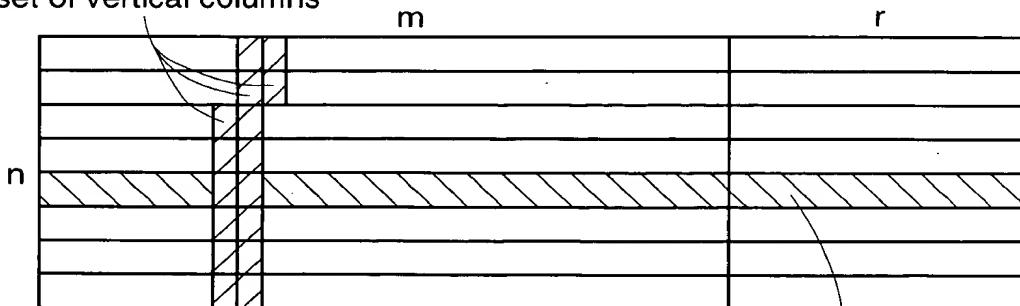
Symbols read out
(vertically)

Error correction symbol are
computed and are added to
the end each row (horizontally)

Fig. 2

(PRIOR ART)

If errors occur in a burst, it
will occur in a contiguous
set of vertical columns



If these are the only errors, and if there are fewer
errors in the row that would overwhelm the error
correction process, all the symbols get corrected

Selected row

Fig. 3

(PRIOR ART)

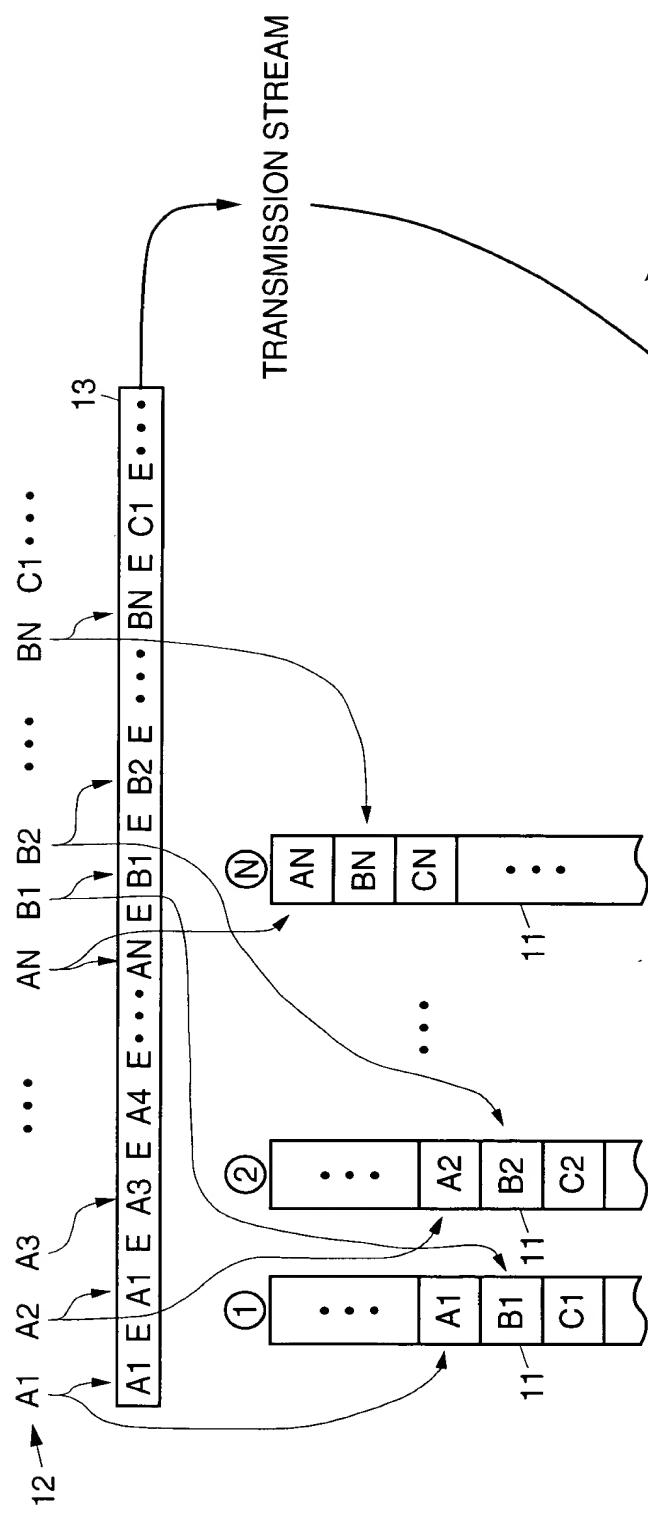
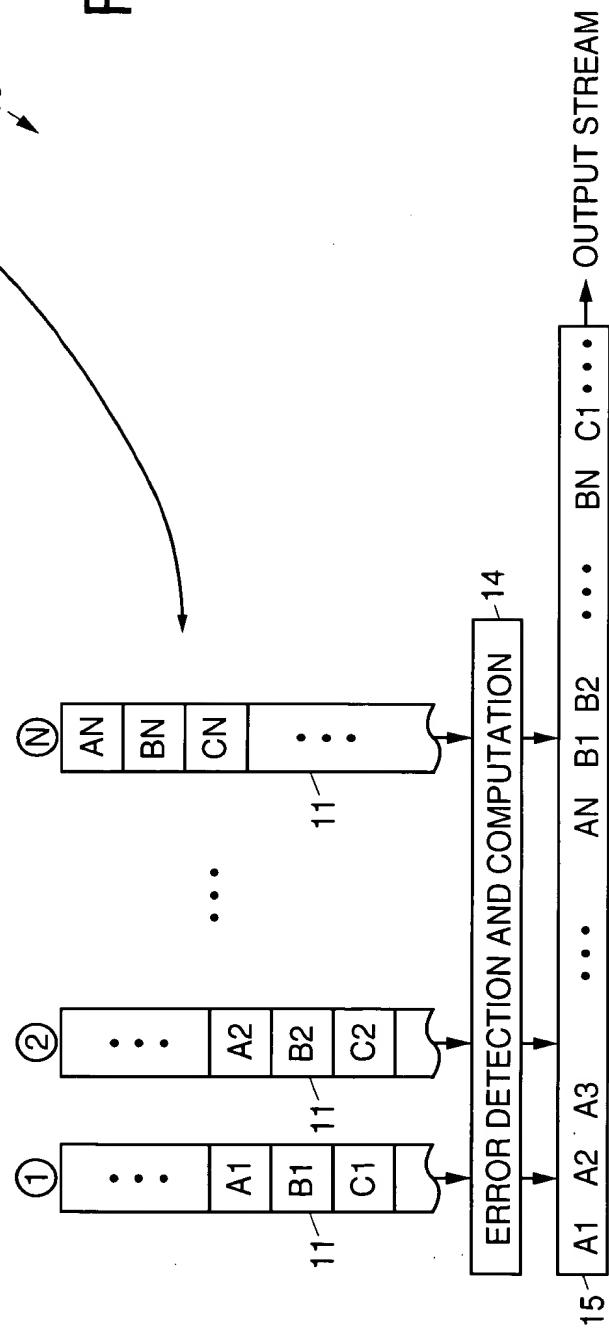


Fig. 4



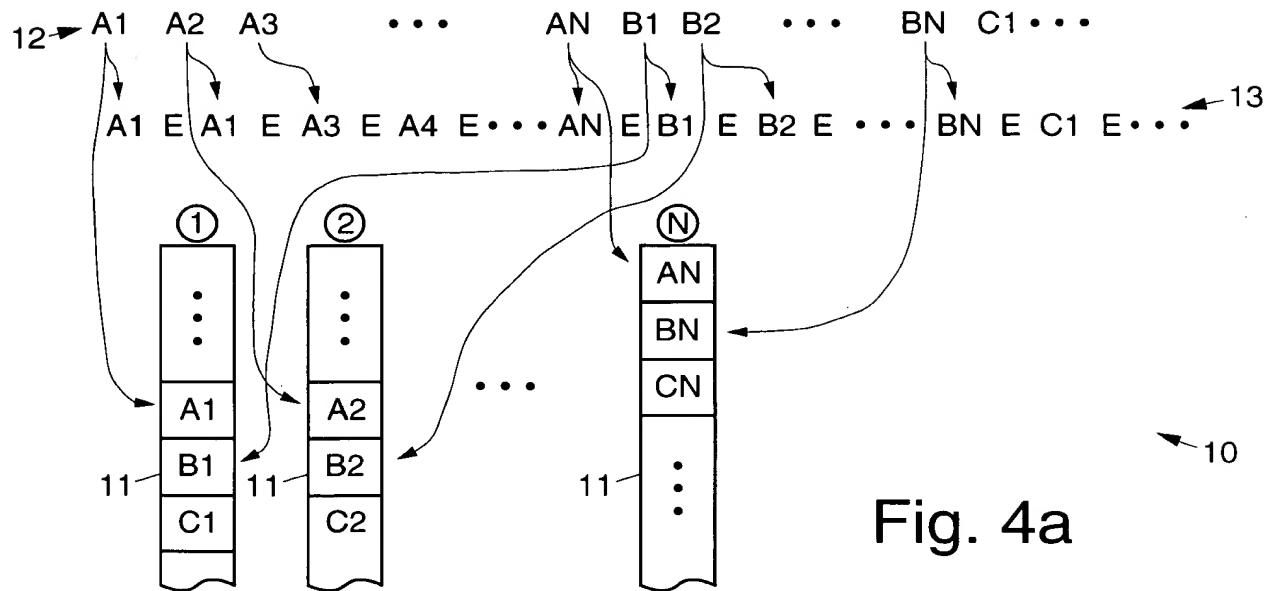


Fig. 4a

Fig. 5

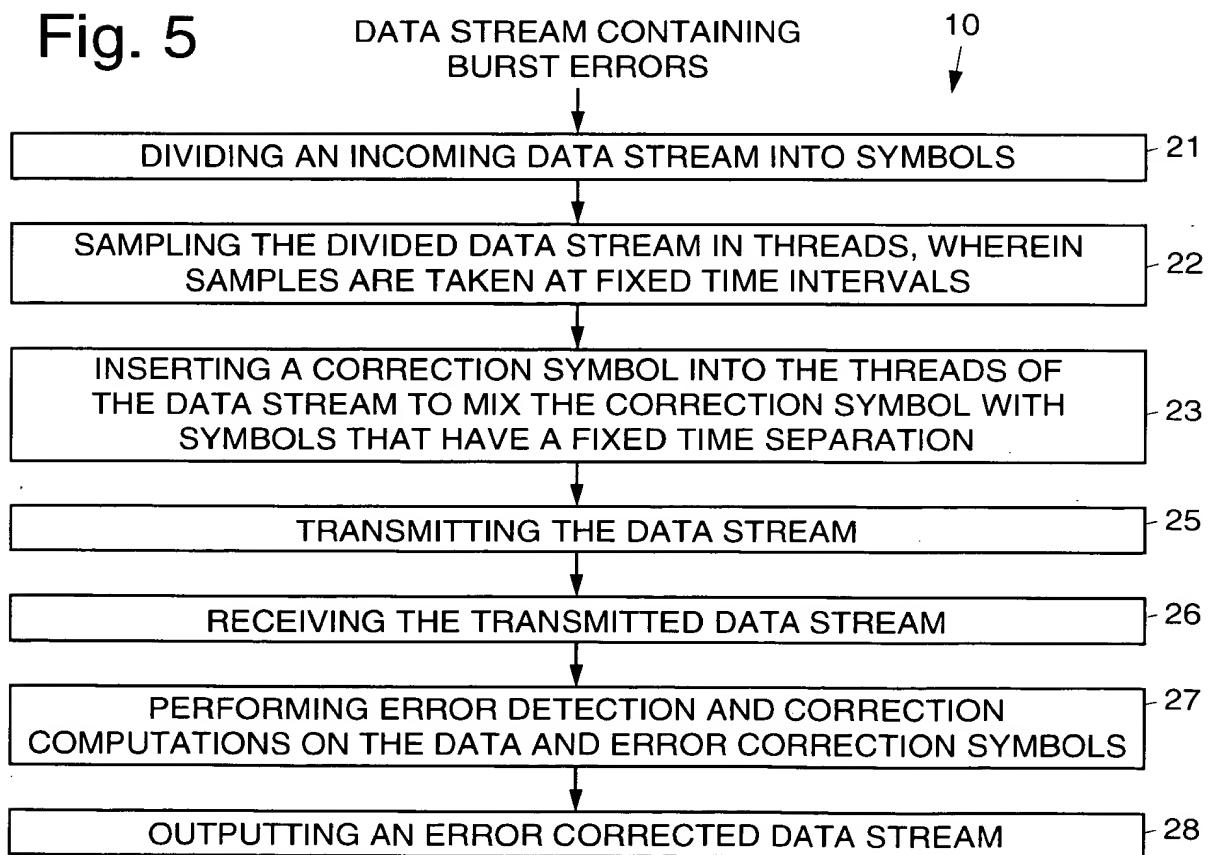


Fig. 6

